



leceipt

Attorney ⁶	's Docket No.	: <u>423</u>	90.P13294	-						<u>F</u>	atent
In re the	Application o	f: <u>Lyr</u>	Mark Elzinga								
Application	on No.: <u>10</u>	/040,530	6		(inventor(s)) 				
Filed:	December 2	8, 2001				_					
For:	INTERCONI	NECT S	WIZZLING FO	R CAPACI	ITIV	E AND II	 NDUCTIVE I	NOIS	SE CAN	CELLAT	ION
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				(titl	le)						
	ANT COMMIS ton, D.C. 202		R FOR PATEN	TS							
SIR: Tra	nsmitted here	ewith is a	an Amendment	for the ab	ove	applicat	ion.				
	a verified sta	atement atement	of this application previously sub- to establish sr required.	mitted.							•
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	(Col. 1) Claims		(Col. 2) Highest No.	(Col. 3)	1	SMAL	L ENTITY	1	SMAL	L ENTII	<u> </u>
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Total Claims	* 38	Minus	** 38			Х9	\$		X18	\$	0
Indep. Claims	* 5	Minus	*** 5			X42	\$		X84	\$	0
First Presentation of Multiple					+140	\$		+280	\$		
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	A check in the amount of \$	is attached for presentation of additional clain	n(s).					
	Applicant(s) hereby Petition(s) for an Exte	ension of Time of month(s) pursuar	it to					
	37 C.F.R. § 1.136(a).							
	A check for \$ is attached f	for processing fees under 37 C.F.R. § 1.17.						
	Please charge my Deposit Account No. 0	02-2666 the amount of \$						
	A duplicate copy of this sheet is enclosed	sed.						
<u>X</u>	The Commissioner of Patents and Trader	marks is hereby authorized to charge payment o	of the					
	following fees associated with this communication or credit any overpayment to Deposit Acco							
	No. <u>02-2666</u> (a duplicate copy of this sheet is enclosed):							
	X Any additional filing fees required under 37 C.F.R. § 1.16 for presentation of							
	extra claims.							
	X Any extension or petition fees	s under 37 C.F.R. § 1.17.						
	. /	BLAKELY SOKOLOFF AYLOR & ZAFM	ANI I I E					
	<i>f</i> /	BLAKELT SORGLOFF INTEGRA ZAFINI	AIN LLF					
	1/1							
Date:	<i>6/61</i> 2002	() / / / /						
	•	Joyn Patrick Ward						
12400 Wi	ilshire Boulevard							
Seventh Floor		Reg. No. <u>40,216</u>						
Los Ange	les, California 90025							
(408) 720	0-8300							

ORIGINALLY FILED

torney's Docket No.: 42390.P13294

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Lyn Mark Elzinga

Art Unit: 2825

Application No.: 10/040,536

Examiner: Unassigned

Filed:

December 28, 2001

For:

INTERCONNECT SWIZZLING FOR CAPACITIVE AND INDUCTIVE NOISE

CANCELLATION

Assistant Commissioner for Patents U.S. Patent and Trademark Office Washington, D.C. 20231

REQUEST TO CORRECT AN ERROR IN THE FILING RECEIPT

Dear Sir:

For the above-referenced patent application, the title of the invention is incorrect on the Updated Filing Receipt, which was received on May 13, 2002 (copy enclosed).

A Response to the Notice of Missing Parts was filed on April 4, 2002, which included an executed Declaration and Power of Attorney signed by the inventor listed in the subject patent application. A copy of said Declaration and Power of Attorney, which states the correct title of the subject patent application, is attached hereto.

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Date of Deposit

Beverly Kehoe Shea Name of Person Mailing Correspondence

Signature

Date

D

Please change the title on the Filing Receipt

From: INTERCONNECT SWIZZLING FOR CAPACATIVE

AND INDUCTIVE NOISE CANCELLATION

To the correct title of the invention, which is:

INDUCTIVE NOISE CANCELLATION

Please have the official Filing Receipt changed to reflect the correct title of the invention. Enclosed is a copy of the official Filing Receipt that has been red-lined to reflect the change as to the correct title of invention, and a copy of the aforementioned Declaration. Applicant respectfully requests a corrected official Filing Receipt. Applicant believes that there should not be a charge for this request, but if a fee is required, please charge Deposit Account 02-2666; a duplicate copy of this transmittal is enclosed.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

John Patrick War

Reg. No. 40,216

Dated: ______2002

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025-1026

(408) 720-8300

COPY OF PAPERS ORIGINALLY FILED

Attorney's Docket No.: 42390.P13294

Patent

JUN 1 4 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lyn Mark Elzinga

Art Unit: 2825

Application No.:

10/040,536

Examiner: Unassigned

Filed:

December 28, 2001

For:

INTERCONNECT SWIZZLING FOR CAPACITIVE AND INDUCTIVE NOISE

CANCELLATION

Assistant Commissioner for Patents U.S. Patent and Trademark Office Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination of the present application, Applicant respectfully requests that the Examiner enter the following amendment.

IN THE TITLE OF THE SPECIFICATION:

On page 1, line 1, please delete:

[INTERCONNECT SWIZZLING FOR CAPACATIVE AND INDUCTIVE NOISE CANCELLATION]

FIRST CLASS CERTIFIC	ATE OF MAILING
FIRST CLASS CERTIFIC	ATE OF WAILING
I hereby certify that this correspondence is being deposited mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20.	9
on Date of Deposit	
Beverly Kehoe Shea	
Name of Person Mailing Correspondence	6/7/02
Signature	Date

10/040,536

1

42390.P13294

On page 1, line 1, please insert:

-- INTERCONNECT SWIZZLING FOR **CAPACITIVE** AND INDUCTIVE NOISE CANCELLATION --

(emphasis added)

Applicant believes that there should not be a charge for this Preliminary Amendment, but if a fee is required, please charge Deposit Account 02-2666.

Respectfully_submitted,

BLAKELY, SOKOLOFF, TAYLAF & ZAFMAN LLF

Ву:____

John Patrick Ward Reg. No. 40,216

Dated: _____2002

12400 Wilshire Blvd. Seventh Floor Los Angeles, CA 90025-1026

(408) 720-8300



United States Patent and Trademark Office

Page 1 of 2

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

 APPLICATION NUMBER
 FILING DATE
 GRP ART UNIT
 FIL FEE REC'D
 ATTY.DOCKET.NO
 DRAWINGS
 TOT CLAIMS
 IND CLAIMS

 10/040,536
 12/28/2001
 2825
 1362
 42390.P13294
 30
 38
 5

Larry Mennemeier
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
Seventh Floor
12400 Wilshire Boulevard

CONFIRMATION NO. 9793
PDATED FILING RECEIPT
C0000000008076419

12400 Wilshire Boulevard
Los Angeles, CA 90025-1026

Date Mailed: 05/09/2002

Receipt is acknowledged of this nonprovisional Patent Application. It was be considered in its order and you will be notified as to the results of the examination. Be sure to provide the second this application. Flesh place in this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Lyn Mark Elzinga, Chandler, AZ;

COPY OF PAPERS ORIGINALLY FILED

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 02/19/2002

Projected Publication Date: 07/03/2003

Non-Publication Request: No

Early Publication Request: No

Title

Interconnect swizzling for capacative and inductive noise cancellation

Preliminary Class

710

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



PATENT

<u>DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION</u> (FOR <u>INTEL CORPORATION</u> PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

and was amended on (MM/DD/YYYY)

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INTERCONNECT SWIZZLING FOR CAPACITIVE AND INDUCTIVE NOISE CANCELLATION

the specification of which

____ is attached hereto.
____ was filed on (MM/DD/YYYY) _____ 12/28/2001 __as
___ United States Application Number _____ 10/040,536
____ or PCT International Application Number _____ 10/040,536

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above. I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d), of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s	3)		Priori <u>Claim</u>	•
(Number)	(Country) (I	Foreign Filing Date - MM/DD/YYYY)	Yes	No
(Number)	(Country) (F	Foreign Filing Date - MM/DD/YYYY)	Yes	No
(Number)	(Country)	Foreign Filing Date - MM/DD/YYYY)	Yes	No
hereby claim the benefit uprovisional application(s) li	under Title 35, United States (sted below:	Code, Section 119(e)	of any United	States
Application Number	(Filing Date – MM/I	DD/YYYY)		
Application Number	(Filing Date – MM/I	DD/YYYY)		•
application(s) listed below a s not disclosed in the prior of Title 35, United States C known to me to be materia	inder Title 35, United States 0 and, insofar as the subject ma United States application in t code, Section 112, I acknowle I to patentability as defined in a available between the filing date of this application:	atter of each of the cl he manner provided dge the duty to disclo Title 37, Code of Fed	aims of this app by the first para ose all informati deral Regulation	olication agraph ion ns,
Application Number	(Filing Date - MM/DD/YY	•	ented, nding, abandon	ed
Application Number	(Filing Date – MM/DD/YY	•	ented,	

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith. Send correspondence to <u>Edwin H. Taylor</u>, BLAKELY, SOKOLOFF, TAYLOR & (Name of Attorney or Agent) ZAFMAN LLP, 12400 Wilshire Boulevard 7th Floor, Los Angeles, California 90025 and direct telephone calls to Edwin H. Taylor , (408) 720-8300. (Name of Attorney or Agent) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Full Name of Sole/First Inventor ____Lyn Mark Elzinga Inventor's Signature ______ Date _ 4-2-2002 Residence Chandler, AZ Citizenship USA (City, State) Post Office Address 1660 E. Park Ave Chandler, AZ 85225



Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; William Thomas Babbitt, Reg. No. 39,591; Jordan Michael Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Jae-Hee Choi, Reg No. 45,288; Thomas M. Coester, Reg. No. 39,637; Robert P. Cogan, Reg. No. 25,049; Donna Jo Coningsby, Reg. No. 41,684; Florin Corie, Reg. No. 46,244; Mimi Diemmy Dao, Reg. No. 45,628; Dennis M. deGuzman, Reg. No. 41,702; Stephen M. De Klerk, Reg. No. 46,503; Michael Anthony DeSanctis, Reg. No. 39,957; Daniel M. De Vos, Reg. No. 37,813; Justin M. Dillon, Reg. No. 42,486; Sanjeet Dutta, Reg. No. 46,145; Matthew C. Fagan, Reg. No. 37,542; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George Fountain, Reg. No. 37,374; Andre Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Melissa A. Haapala, Reg No. 47,622; Alan Heimlich, Reg. No. 48,808; James A. Henry, Reg. No. 41,064; Libby H. Ho, Reg. No. 46,774; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; William W. Kidd, Reg. No. 31,772; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steve Laut, Reg. No. 47,736; George Brian Leavell, Reg. No. 45,436; Samuel S. Lee, Reg. No. 42791; Gordon R. Lindeen III, Reg. No. 33,192; Jan Carol Little, Reg. No. 41,181; Julio Loza, Reg. No. 47,758; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Paul A. Mendonsa, Reg. No. 42,879; Clive D. Menezes, Reg. No. 45,493; Richard A. Nakashima, Reg. No. 42,023; Stephen Neal Reg. No. 47,815; Chun M. Ng, Reg. No. 36,878; Thien T. Nguyen, Reg. No. 43,835; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Gregg A. Peacock, Reg. No. 45,001; Marina Portnova, Reg. No. 45,750; Michael A. Proksch, Reg. No. 43,021; Randol W. Read, Reg. No. 43,876; William F. Ryann, Reg. 44,313; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Jeffrey S. Schubert, Reg. No. 43,098; Saina Shamilov, Reg. No. 48,266; Maria McCormack Sobrino, Reg. No. 31,639; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Ronald S. Tamura, Reg. No. 43,179; Edwin H. Taylor, Reg. No. 25,129; Lance A. Termes, Reg. No. 43,184; John F. Travis, Reg. No. 43,203; Kerry P. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Tom Van Zandt, Reg. No. 43,219; Brent Vecchia, Reg No. 48,011; Lester J. Vincent, Reg. No. 31,460; Archana B. Vittal, Reg. No. 45,182; Glenn E. Von Tersch, Reg. No. 41,364; John Patrick Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; and Norman Zafman, Reg. No. 26,250; my patent attorneys, and Charles P. Landrum, Reg. No. 46,855; Suk S. Lee, Reg. No. 47,745; and Raul Martinez, Reg. No. 46,904, Brent E. Vecchia, Reg. No. 48,011; Lehua Wang, Reg. No. P48,023; my patent agents, of BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800, and Alan K. Aldous, Reg. No. 31,905; Ed Brake, Reg. No. 37,784; Ben Burge, Reg. No. 42,372; Robert A. Burtzlaff, Reg. No. 35,466; Richard C. Calderwood, Reg. No. 35,468; Jeffrey S. Draeger, Reg. No. 41,000; Cynthia Thomas Faatz, Reg No. 39,973; Jeffrey B. Huter, Reg. No. 41,086; John Kacvinsky, Reg. No. 40,040; Seth Z. Kalson, Reg. No. 40,670; David J. Kaplan, Reg. No. 41,105; Peter Lam, Reg. No. 44,855; Anthony Martinez, Reg No. 44,223; Paul Nagy, Reg. No. 37,896; Dennis A. Nicholls, Reg. No. 42,036; Leo V. Novakoski, Reg. No. 37,198; Lanny Parker, Reg. No. 44,281; Thomas C. Reynolds, Reg. No. 32,488; Kenneth M. Seddon, Reg. No. 43,105; Mark Seeley, Reg. No. 32,299; Steven P. Skabrat, Reg. No. 36,279; Howard A. Skaist, Reg. No. 36,008; Robert G. Winkle, Reg. No. 37,474; Sharon Wong, Reg. No. 37,760; Steven D. Yates, Reg. No. 42,242; Calvin E. Wells; Reg. No. 43,256 and Charles K. Young, Reg. No. 39,435, my patent agents, of INTEL CORPORATION; and James R. Thein, Reg. No. 31,710, my patent attorney; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

APPENDIX B



COP PAPERS

Title 37, Code of Federal Regulations, Section 1.56
Duty to Disclose Information Material to Patentability

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.